

### Claims

1. A vehicle interior lining, comprising;  
a barrier layer made of an air-permeable fleece;  
a decorative layer, wherein the barrier layer is arranged on a rear side of a decorative layer; and  
a foam backing that directly adjoins the barrier layer and that is formed via a back foaming process, wherein the foamed backing is formed by applying a liquid plastic to the barrier layer,  
wherein the barrier layer prevents penetration of the liquid plastic through the barrier layer, and wherein a resulting unit of the barrier layer and the layer produced by back foaming is permeable to air after curing.
2. The vehicle interior lining according to claim 1, wherein the decorative layer and the barrier layer form an intermediate product, and wherein the foam backing is formed on the intermediate product.
3. The vehicle interior lining according to claim 2, further comprising a soft intermediate layer of cellular material disposed between the decorative layer and the barrier layer in the intermediate product.
4. The vehicle interior lining according to claim 2, wherein at least two layers of the intermediate product are bonded to each other by gluing.
5. The vehicle interior lining according to claim 4, wherein a thermoplastic, pulverulent glue is applied to at least one layer to bond the layers.

6. The vehicle interior lining according to claim 2, wherein the intermediate product is produced by laminating.

7. The vehicle interior lining according to claim 1, wherein the fleece comprises a plurality of cellulose fibers that are bonded to each other by a binding agent.

8. The vehicle interior lining according to claim 7, wherein the cellulose fibers are sisal fibers.

9. The vehicle interior lining according to claim 1, wherein the fleece used as the barrier layer has a gsm substance of 50 to 200 g/m<sup>2</sup>.

10. The vehicle interior lining according to claim 1, wherein the fleece used as the barrier layer has an air permeability of about 55 to 120 l per 100 cm<sup>2</sup>.

11. The vehicle interior lining according to claim 1, further comprising a fiber mat attached to the rear side of the layer produced by back foaming during the back foaming process.

12. The vehicle interior lining according to claim 1, further comprising a fiber mat embedded in the layer produced by back foaming during the back foaming process.

13. The vehicle interior lining according to claim 1, wherein the liquid plastic is directly applied to the barrier layer and comes into contact with the barrier layer during the back foaming process.

14. The vehicle interior lining according to claim 1, further comprising fibers that are introduced into the liquid plastic during the back foaming process, wherein the fibers are distributed in the layer formed by the back foaming process.

15. The vehicle interior lining according to claim 14, wherein the fibers are glass fibers.

16. The vehicle interior lining according to claim 1, wherein the liquid plastic used for back foaming comprises polyurethane.

17. The vehicle interior lining according to claim 1, wherein the decorative layer is a material selected from the group consisting a textile fabric and a imitation leather.

18. The vehicle interior lining according to claim 1, wherein the entire vehicle interior lining is permeable to air.

19. The vehicle interior lining according to claim 1, further comprising at least one of a spacer and a fastening means in the layer produced by back foaming, wherein said at least one of the spacer and the fastening means are attached during the back foaming process.